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Docket No. BUR920000109US1

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### REMARKS

Claims 1-4, 6 and 10-23, 25-33 and 35-40 are all the claims presently pending in the application. Claim 24 has been canceled and claims 1, 15-16, 18, 21, 23 and 26-29 have been amended to more particularly define the invention.

It is noted that the claim amendments are made only for more particularly pointing out the invention, and not for distinguishing the invention over the prior art, narrowing the claims or for any statutory requirements of patentability. Further, Applicant specifically states that no amendment to any claim herein should be construed as a disclaimer of any interest in or right to an equivalent of any element or feature of the amended claim.

Applicant gratefully acknowledges the Examiner's indication that claims 15, 16, 19-23 and 25-30 are allowed.

In addition, Applicant gratefully acknowledges the Examiner's helpful suggestion which he offered during a teleconference with Applicant's undersigned representative on June 22, 2004. Applicant notes that claims 1, 15 and 18 have been amended to incorporate the Examiner's suggestion to replace the term "clock cycle" with "clock period" to clarify the claim wording. In addition, claims 1 and 18 have been amended to recite "plurality of cells within said at least one power grid" in accordance with the Examiner's helpful suggestion. Applicant also notes that other minor amendments to the claims are made herein, in an effort to further clarify the claim wording.

In addition, the Specification has been amended to clarify the description of the system 600 illustrated in Figure 6. In addition, a Submission of Replacement Drawing Sheet is submitted concurrently herewith in order to correct Figure 6.

Specifically, Figure 6 is corrected to illustrate extracted power grid information being input to the power distribution analysis tool 640, and by replacing "Power Grid Extracting Device" with "Extracting Device" 620. Applicant notes that these corrections are needed in order to make Figure 6 accurately illustrate the system 600.

Further, Figure 6 has been corrected to be consistent with the Specification and the other drawings. For example, Figure 2 illustrates "Place and Route" 220 is shown feeding both a static

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timing run 230 and a power grid extraction 225.

The Specification also states that "parasitic resistors, capacitors and inductors may be extracted from the physical design of the chip to generate an extracted signal net information which may be used to perform the static timing analysis" (Application at page 4, lines 9-11) and also "the static timing analysis tool uses extracted signal net information, not the extracted power grid information, which is only used during the simulation of the power grid" (Application at page 9, lines 5-7).

Applicant respectfully submits that this Amendment adequately addresses the matters of formality noted by the Examiner during the above noted teleconference. Therefore Applicant respectfully submits that the Application is in condition for immediate allowance.

In view of the foregoing, Applicant submits that claims 1-4, 6 and 10-23, 25-33 and 35-40, all the claims presently pending in the application, are patentably distinct over the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue at the earliest possible time.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

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The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Assignee's Deposit Account No. 09-0456.

Respectfully Submitted,

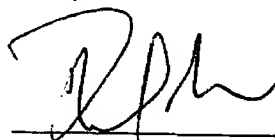
Date: 9/1/04

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**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that the foregoing Amendment was filed by facsimile with the United States Patent and Trademark Office, Examiner Brandon Bowers, Group Art Unit # 2825 at fax number (703) 872-9306 this 1<sup>st</sup> day of September, 2004.



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